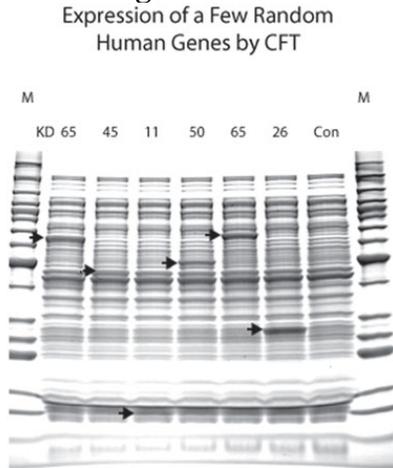


## Cell Free Protein Expression Group

### Cell free expression of six human & bacterial genes



CFT (cell-free transcription/translation) reactions (50 microliters) contained 200 ng of supercoiled plasmids comprising the following genes downstream of a phage T7 promoter: lane 1, maltose binding protein (MBP) - human kRas; lane 2, glutathione S transferase (GST) - Pseudomonas open reading frame; lane 3, His6 - integration host factor; lane 4, GST - chloramphenicol acetyl transferase (CAT); lane 5, MBP - CAT. KD refers to the predicted size of each protein. The control reaction received no plasmid.